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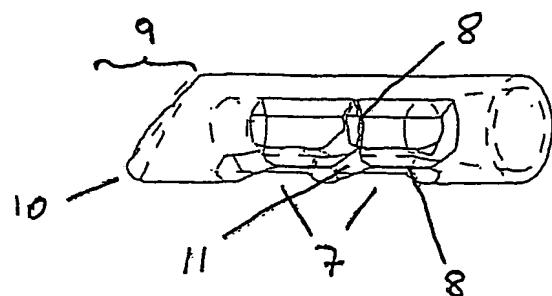
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
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(54) Title: RADIOACTIVE RADIATION SOURCE FOR OPHTHALMIC BRACHYTHERAPY



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(57) Abstract: The radioactive radiation source of the invention is suitable for brachytherapy and especially for ocular or ophthalmic brachytherapy such as in the treatment of macula degeneration, preferably age related macula degeneration (AMD). The radiation source of the invention comprises a radiation source for brachytherapy having an elongated radiation emitting element (1) within an elongated means for containment (2) preferably arranged such that the longitudinal axis of the radiation emitting element and the longitudinal axis of said means for containment are aligned. Said means for containment comprises a shielding section (3) and a radiation transition section (4). Said shielding section (3) covers said radiation emitting element at least partially to substantially attenuate any radiation emitted in the direction of said shielding section. Preferably the shielding section covers the element to about 30-90 %, preferably 40-70 % and more preferably 50-60 %.